WHAT IS CLAIMED IS:

1

1. A compound having the formula:

$$(R^1)_m$$
 O L^1 —HAr Ar^1 O

2 or a pharmaceutically acceptable salt or N-oxide thereof, wherein 3 the subscript n is an integer of from 1 to 2; 4 5 the subscript m is an integer of from 0 to 10; each R^1 is a substituent independently selected from the group consisting of C_{1-8} alkyl, 6 C₁₋₈ haloalkyl, C₃₋₆ cycloalkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, -COR^a, -CO₂R^a, 7 $-CONR^aR^b$, $-NR^aCOR^b$, $-SO_2R^a$, $-X^1COR^a$, $-X^1CO_2R^a$, $-X^1CONR^aR^b$, 8 -X¹NR^aCOR^b, -X¹SO₂R^a, -X¹SO₂NR^aR^b, -X¹NR^aR^b, -X¹OR^a, wherein X¹ is a 9 member selected from the group consisting of C₁₋₄ alkylene, C₂₋₄ alkenylene and 10 C₂₋₄ alkynylene and each R^a and R^b is independently selected from the group 11 12 consisting of hydrogen, C₁₋₈ alkyl, C₁₋₈ haloalkyl, C₃₋₆ cycloalkyl and aryl-C₁₋₄alkyl, and wherein the aliphatic portions of each of said R¹ substituents is 13 optionally substituted with from one to three members selected from the group 14 consisting of -OH, -OR^m, -OC(O)NHR^m, -OC(O)N(R^m)₂, -SH, -SR^m, -S(O)R^m, 15 $-S(O)_2R^m$, $-SO_2NH_2$, $-S(O)_2NHR^m$, $-S(O)_2N(R^m)_2$, $-NHS(O)_2R^m$, $-NR^mS(O)_2R^m$, 16 $-C(O)NH_2$, $-C(O)NHR^m$, $-C(O)N(R^m)_2$, $-C(O)R^m$, $-NHC(O)R^m$, $-NR^mC(O)R^m$, 17 -NHC(O)NH₂, -NR^mC(O)NH₂, -NR^mC(O)NHR^m, -NHC(O)NHR^m, 18 $-NR^{m}C(O)N(R^{m})_{2}$, $-NHC(O)N(R^{m})_{2}$, $-CO_{2}H$, $-CO_{2}R^{m}$, $-NHCO_{2}R^{m}$, $-NR^{m}CO_{2}R^{m}$, 19 -CN, -NO₂, -NH₂, -NHR^m, -N(R^m)₂, -NR^mS(O)NH₂ and -NR^mS(O)₂NHR^m, 20 wherein each R^m is independently an unsubstituted C₁₋₆ alkyl; 21 Ar¹ is selected from the group consisting of phenyl, naphthyl, pyridyl, pyrazinyl, 22 pyridazinyl, pyrimidinyl, triazinyl, quinolinyl, quinoxalinyl and purinyl, each of 23 which is optionally substituted with from one to five R² substituents 24 independently selected from the group consisting of halogen, -ORc, -OC(O)Rc, -25 NR^cR^d , $-SR^c$, $-R^e$, -CN, $-NO_2$, $-CO_2R^c$, $-CONR^cR^d$, $-C(O)R^c$, $-OC(O)NR^cR^d$, -26 $NR^{d}C(O)R^{c}$, $-NR^{d}C(O)_{2}R^{e}$, $-NR^{c}-C(O)NR^{c}R^{d}$, $-NH-C(NH_{2})=NH$, 27 $-NR^{e}C(NH_{2})=NH, -NH-C(NH_{2})=NR^{e}, -NH-C(NHR^{e})=NH, -S(O)R^{e}, -S(O)_{2}R^{e}, -S(O)_{2}R^{e}$ 28 $NR^{c}S(O)_{2}R^{e}$, $-S(O)_{2}NR^{c}R^{d}$, $-N_{3}$, $-X^{2}OR^{c}$, $-O-X^{2}OR^{c}$, $-X^{2}OC(O)R^{c}$, $-X^{2}NR^{c}R^{d}$, 29 $-O-X^2NR^cR^d$, $-X^2SR^c$, $-X^2CN$, $-X^2NO_2$, $-X^2CO_2R^c$, $-O-X^2CO_2R^c$, $-X^2CONR^cR^d$, 30

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-O-X^2CONR^cR^d, -X^2C(O)R^c, -X^2OC(O)NR^cR^d, -X^2NR^dC(O)R^c, -X^2NR^dC(O)_2R^e,
31
                                        -X^2NR^cC(O)NR^cR^d, -X^2NH-C(NH_2)=NH, -X^2NR^cC(NH_2)=NH, -X^2NH-C(NH_2)=NH, -X^2NH
32
                                        C(NH_2)=NR^e, -X^2NH-C(NHR^e)=NH, -X^2S(O)R^e, -X^2S(O)_2R^e, -X^2NR^cS(O)_2R^e,
33
                                        -X^2S(O)_2NR^cR^d, -X^2N_3, -NR^d-X^2OR^c, -NR^d-X^2NR^cR^d, -NR^d-X^2CO_2R^c, and
34
                                        -NR<sup>d</sup>-X<sup>2</sup>CONR<sup>c</sup>R<sup>d</sup>, wherein X<sup>2</sup> is a member selected from the group consisting of
35
                                        C_{1\text{--}4} alkylene, C_{2\text{--}4} alkenylene and C_{2\text{--}4} alkynylene and each R^c and R^d is
36
                                        independently selected from hydrogen, C<sub>1-8</sub> alkyl, C<sub>1-8</sub> haloalkyl, C<sub>3-6</sub> cycloalkyl,
37
                                        C<sub>2-8</sub> alkenyl, C<sub>2-8</sub> alkynyl, aryl, heteroaryl, aryl-C<sub>1-4</sub> alkyl, and aryloxy-C<sub>1-4</sub> alkyl,
38
                                        or optionally R<sup>c</sup> and R<sup>d</sup> when attached to the same nitrogen atom can be combined
39
                                        with the nitrogen atom to form a five or six-membered ring having from 0 to 2
40
41
                                        additional heteroatoms as ring members; and each Re is independently selected
                                        from the group consisting of C<sub>1-8</sub> alkyl, C<sub>1-8</sub> haloalkyl, C<sub>3-6</sub> cycloalkyl, C<sub>2-8</sub>
42
43
                                        alkenyl, C<sub>2-8</sub> alkynyl, aryl, heteroaryl, aryl-C<sub>1-4</sub> alkyl, and aryloxy-C<sub>1-4</sub> alkyl, and
                                        each of R<sup>c</sup>, R<sup>d</sup> and R<sup>e</sup> is optionally further substituted with from one to three
44
                                        members selected from the group consisting of -OH, -OR<sup>n</sup>, -OC(O)NHR<sup>n</sup>,
45
                                        -OC(O)N(R^{n})_{2}, -SH, -SR^{n}, -S(O)R^{n}, -S(O)_{2}R^{n}, -SO_{2}NH_{2}, -S(O)_{2}NHR^{n},
46
                                        -S(O)_2N(R^n)_2, -NHS(O)_2R^n, -NR^nS(O)_2R^n, -C(O)NH_2, -C(O)NHR^n, -C(O)N(R^n)_2,
47
                                        -C(O)R^n, -NHC(O)R^n, -NR^nC(O)R^n, -NHC(O)NH_2, -NR^nC(O)NH_2,
48
                                        -NR^nC(O)NHR^n, -NHC(O)NHR^n, -NR^nC(O)N(R^n)_2, -NHC(O)N(R^n)_2, -CO_2H,
49
                                        -CO<sub>2</sub>R<sup>n</sup>, -NHCO<sub>2</sub>R<sup>n</sup>, -NR<sup>n</sup>CO<sub>2</sub>R<sup>n</sup>, -CN, -NO<sub>2</sub>, -NH<sub>2</sub>, -NHR<sup>n</sup>, -N(R<sup>n</sup>)<sub>2</sub>,
50
                                        -NR<sup>n</sup>S(O)NH<sub>2</sub> and -NR<sup>n</sup>S(O)<sub>2</sub>NHR<sup>n</sup>, wherein each R<sup>n</sup> is independently an
51
52
                                        unsubstituted C<sub>1-6</sub> alkyl;
                       HAr is a heteroaryl group selected from the group consisting of pyrazolyl, imidazolyl,
53
                                        triazolyl, tetrazolyl, oxazolyl, isoxazolyl, oxadiazolyl, oxathiadiazolyl, pyrrolyl,
54
                                        thiazolyl, isothiazolyl, benzimidazolyl, benzopyrazolyl and benzotriazolyl, each of
55
                                        which is substituted with from one to five R<sup>3</sup> substituents independently selected
56
                                        from the group consisting of halogen, -OR<sup>f</sup>, -OC(O)R<sup>f</sup>, -NR<sup>f</sup>R<sup>g</sup>, -SR<sup>f</sup>, -R<sup>h</sup>, -CN,
57
                                        -NO_2, -CO_2R^f, -CONR^fR^g, -C(O)R^f, -OC(O)NR^fR^g, -NR^gC(O)R^f, -NR^gC(O)_2R^h,
58
                                        -NR^f-C(O)NR^fR^g, -NH-C(NH_2)=NH, -NR^hC(NH_2)=NH, -NH-C(NH_2)=NR^h, -NH-C(NH_2)=NR^h
59
                                        C(NHR^h)=NH, -S(O)R^h, -S(O)_2R^h, -NR^fS(O)_2R^h, -S(O)_2NR^fR^g, -NR^fS(O)_2NR^fR^g,
60
                                        -N_3, -X^3OR^f, -X^3OC(O)R^f, -X^3NR^fR^g, -X^3SR^f, -X^3CN, -X^3NO_2, -X^3CO_2R^f,
61
                                        -X^3CONR^fR^g, -X^3C(O)R^f, -X^3OC(O)NR^fR^g, -X^3NR^gC(O)R^f, -X^3NR^gC(O)_2R^h,
62
                                        -X^{3}NR^{f}-C(O)NR^{f}R^{g}, -X^{3}NH-C(NH_{2})=NH, -X^{3}NR^{h}C(NH_{2})=NH, -X^{3}NH-C(NH_{2})=NH, -X^{3}NH-C(NH_{2})=NH
63
                                        C(NH_2)=NR^h, -X^3NH-C(NHR^h)=NH, -X^3S(O)R^h, -X^3S(O)_2R^h, -X^3NR^fS(O)_2R^h,
64
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-X^{3}S(O)_{2}NR^{f}R^{g}, -Y, -X^{3}Y, -X^{3}N_{3}, -O-X^{3}OR^{f}, -O-X^{3}NR^{f}R^{g}, -O-X^{3}CO_{2}R^{f},
65
                                                       -O-X3CONRfRg, -NRg-X3ORf, -NRg-X3NRfRg, -NRg-X3CO2Rf, and
66
                                                       -NR<sup>g</sup>-X<sup>3</sup>CONR<sup>f</sup>R<sup>g</sup>, wherein Y is a five or six-membered aryl, heteroaryl or
67
                                                       heterocyclic ring, optionally substituted with from one to three substitutents
68
                                                       selected from the group consisting of halogen, -ORf, -NRfRg, -Rh, -SRf, -CN, -
69
                                                       NO_2, -CO_2R^f, -CONR^fR^g, -C(O)R^f, -NR^gC(O)R^f, -S(O)R^h, -S(O)_2R^h, -S(O)_2R^h
70
                                                       NR^fS(O)_2R^h, -S(O)_2NR^fR^g, -X^3OR^f, -X^3NR^fR^g, -X^3NR^fS(O)_2R^h and
71
                                                        -X<sup>3</sup>S(O)<sub>2</sub>NR<sup>f</sup>R<sup>g</sup>, and wherein each X<sup>3</sup> is independently selected from the group
72
                                                       consisting of C_{1-4} alkylene, C_{2-4} alkenylene and C_{2-4} alkynylene and each R^f and R^g
73
                                                        is independently selected from hydrogen, C<sub>1-8</sub> alkyl, C<sub>1-8</sub> haloalkyl, C<sub>3-6</sub>
74
                                                        cycloalkyl, C2-8 alkenyl, C2-8 alkynyl, aryl, heteroaryl, aryl-C1-4 alkyl, and aryloxy-
75
                                                        C<sub>1-4</sub> alkyl, or when attached to the same nitrogen atom can be combined with the
76
                                                        nitrogen atom to form a five or six-membered ring having from 0 to 2 additional
77
                                                       heteroatoms as ring members, and each Rh is independently selected from the
78
                                                        group consisting of C<sub>1-8</sub> alkyl, C<sub>1-8</sub> haloalkyl, C<sub>3-6</sub> cycloalkyl, C<sub>2-8</sub> alkenyl, C<sub>2-8</sub>
79
                                                        alkynyl, aryl, heteroaryl, aryl-C<sub>1</sub>-4 alkyl, and aryloxy-C<sub>1</sub>-4 alkyl, wherein the
80
                                                        aliphatic portions of Rf, Rg and Rh is optionally further substituted with from one
81
                                                        to three members selected from the group consisting of -OH, -OR°, -OC(O)NHR°,
82
                                                        -OC(O)N(R°)2, -SH, -SR°, -S(O)R°, -S(O)2R°, -SO2NH2, -S(O)2NHR°,
83
                                                        -S(O)_2N(R^o)_2, -NHS(O)_2R^o, -NR^oS(O)_2R^o, -C(O)NH_2, -C(O)NHR^o, -C(O)N(R^o)_2, -(O)N(R^o)_2, -(O)N(R^o)_2,
84
                                                        -C(O)R^{\circ}, -NHC(O)R^{\circ}, -NR^{\circ}C(O)R^{\circ}, -NHC(O)NH_2, -NR^{\circ}C(O)NH_2,
85
                                                        -NR^{\circ}C(O)NHR^{\circ}, -NHC(O)NHR^{\circ}, -NR^{\circ}C(O)N(R^{\circ})_2, -NHC(O)N(R^{\circ})_2, -CO_2H,
86
                                                        -CO_2R^\circ, -NHCO_2R^\circ, -NR^\circCO_2R^\circ, -CN, -NO_2, -NH_2, -NHR^\circ, -N(R^\circ)_2,
 87
                                                        -NR°S(O)NH2 and -NR°S(O)2NHR°, wherein each R° is independently an
 88
                                                        unsubstituted C<sub>1-6</sub> alkyl;
 89
                                L<sup>1</sup> is a linking group having from one to three main chain atoms selected from the group
90
                                                        consisting of C, N, O and S and being optionally substituted with from one to
91
                                                        three substituents selected from the group consisting of halogen, phenyl, -OR',
92
                                                        -OC(O)R^{i}, -NR^{i}R^{j}, -SR^{i}, -R^{k}, -CN, -NO_{2}, -CO_{2}R^{i}, -CONR^{i}R^{j}, -C(O)R^{i},
 93
                                                        -OC(O)NR^{i}R^{j}, -NR^{j}C(O)R^{i}, -NR^{j}C(O)_{2}R^{k}, -X^{4}OR^{i}, -X^{4}OC(O)R^{i}, -X^{4}NR^{i}R^{j}, -X^{4}OR^{i}
 94
                                                        X^4SR^i, -X^4CN, -X^4NO_2, -X^4CO_2R^i, -X^4CONR^iR^j, -X^4C(O)R^i, -X^4OC(O)NR^iR^j, -X^4CONR^iR^j, -X^4CONR^i, -X^4CONR^i, -X^4CONR^i, -X^4CONR^i, -X^4CONR^i, -X^4CONR^i, -X^4CON
 95
                                                        X^4NR^jC(O)R^i and -X^4NR^jC(O)_2R^k, wherein X^4 is selected from the group
 96
                                                         consisting of C_{1-4} alkylene, C_{2-4} alkenylene and C_{2-4} alkynylene and each R^i and R^j
 97
                                                         is independently selected from hydrogen, C<sub>1-8</sub> alkyl, C<sub>1-8</sub> haloalkyl, C<sub>3-6</sub>
 98
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99	cycloalkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, aryl, heteroaryl, aryl- C_{1-4} alkyl, and aryloxy-
100	C_{1-4} alkyl, and each R^k is independently selected from the group consisting of C_{1-8}
101	alkyl, C_{1-8} haloalkyl, C_{3-6} cycloalkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, aryl, heteroaryl,
102	aryl- C_{1-4} alkyl, and aryloxy- C_{1-4} alkyl; and
103	with the proviso that the compound is other than CAS Reg. No. 492422-98-7, 1-[[4-
104	bromo-5-methyl-3-(trifluoromethyl)-1H-pyrazol-1-yl]acetyl]-4-(5-chloro-2-
105	methylphenyl)-piperazine; CAS Reg. No. 351986-92-0, 1-[[4-chloro-5-methyl-3-
106	(trifluoromethyl)-1H-pyrazol-1-yl]acetyl]-4-(4-fluorophenyl)-piperazine; CAS
107	Reg. No. 356039-23-1, 1-[(3,5-dimethyl-4-nitro-1H-pyrazol-1-yl)acetyl]-4-(4-
108	fluorophenyl)-piperazine; 1-(2-{4-nitro-3,5-dimethyl-1H-pyrazol-1-
109	yl}propanoyl)-4-phenylpiperazine; 2-(2,4-Dinitro-imidazol-1-yl)-1-[4-(4-
110	fluorophenyl)-piperazin-1-yl]-ethanone; 2-(2,4-Dinitro-imidazol-1-yl)-1-(4-
111	phenyl-piperazin-1-yl)-ethanone; 2-(4-Nitro-imidazol-1-yl)-1-(4-phenyl-
112	piperazin-1-yl)-ethanone; and CAS Reg. No. 492992-15-1, 3-[3-Fluoro-4-[4-[(1-
113	pyrazolyl)acetyl]piperazine-1-yl]phenyl]-5-[[(isoxazol-3-
114	yl)amino]methyl]isoxazole.
1	2. A compound of claim 1, wherein Ar ¹ is selected from the group
2	consisting of:
3	(i) phenyl, substituted with from 1 to 5 R ² groups;
4	(ii) pyridinyl, substituted with from 1 to 4 R ² groups; and
5	(iii) pyrimidinyl, substituted with from 1 to 3 R ² groups;
6	(iv) pyrazinyl, substituted with from 1 to 3 R ² groups; and
7	(v) pyridazinyl, substituted with from 1 to 3 R ² groups;
8	wherein each R ² is a member independently selected from the group consisting of halogen,
9	$-OR^{c}$, $-OC(O)R^{c}$, $-NR^{c}R^{d}$, $-SR^{c}$, $-R^{e}$, $-CN$, $-NO_{2}$, $-CO_{2}R^{c}$, $-CONR^{c}R^{d}$, $-C(O)R^{c}$,
10	$-OC(O)NR^cR^d, -NR^dC(O)R^c, -NR^dC(O)_2R^e, -NR^c-C(O)NR^cR^d, -S(O)R^e, -S(O)_2R^e,$
11	$-NR^{c}S(O)_{2}R^{e}$, $-S(O)_{2}NR^{c}R^{d}$ and $-N_{3}$.
1	3. A compound of claim 1, wherein Ar ¹ is selected from the group
2	consisting of:
3	(i) phenyl, substituted with from 1 to 5 R ² groups;
4	(ii) pyridinyl, substituted with from 1 to 4 R ² groups; and
5	(iii) pyrimidinyl, substituted with from 1 to 3 R ² groups;

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(iv) pyrazinyl, substituted with from 1 to 3 R<sup>2</sup> groups; and
      6
                                                                                                                                     (v) pyridazinyl, substituted with from 1 to 3 R<sup>2</sup> groups;
       7
                                                                                                                                    wherein each R<sup>2</sup> is a member independently selected from the group
       8
                                     consisting of halogen, -X<sup>2</sup>OR<sup>c</sup>, -O-X<sup>2</sup>OR<sup>c</sup>, -X<sup>2</sup>OC(O)R<sup>c</sup>, -X<sup>2</sup>NR<sup>c</sup>R<sup>d</sup>, -O-X<sup>2</sup>NR<sup>c</sup>R<sup>d</sup>, -X<sup>2</sup>SR<sup>c</sup>, -
      9
                                     X^2CN, -X^2NO_2, -X^2CO_2R^c, -O-X^2CO_2R^c, -X^2CONR^cR^d, -O-X^2CONR^cR^d, -X^2C(O)R^c,
10
                                      -X^2OC(O)NR^cR^d, -X^2NR^dC(O)R^c, -X^2NR^dC(O)_2R^e, -X^2NR^cC(O)NR^cR^d,
11
                                      -X^2NH-C(NH_2)=NH, -X^2NR^eC(NH_2)=NH, -X^2NH-C(NH_2)=NR^e, -X^2NH-C(NHR^e)=NH, -X^2NH, -X^2NH-C(NHR^e)=NH, -X^2NH, -X^2NH, -X^2NH, -X^2NH, -X^2NH, -X^2NH, -X^2NH, 
12
                                      X^{2}S(O)R^{e}, -X^{2}S(O)_{2}R^{e}, -X^{2}NR^{c}S(O)_{2}R^{e}, -X^{2}S(O)_{2}NR^{c}R^{d} and -X^{2}N_{3}.
13
                                                                                                                                                                                   A compound of claim 1, wherein Ar<sup>1</sup> is phenyl substituted with from 1
      1
                                    to 3 R<sup>2</sup> groups.
       2
                                                                                                                                                                                    A compound of claim 4, wherein L<sup>1</sup> is -CH<sub>2</sub>- and is optionally
       1
                                      substituted with phenyl, -R^k, -X^4OR^i, -X^4OC(O)R^i, -X^4NR^iR^j, -X^4SR^i, -X^4CN or -X^4NO_2.
       2
       1
                                                                                                                                     6.
                                                                                                                                                                                    A compound of claim 5, wherein HAr is a member selected from the
                                      group consisting of pyrazolyl and triazolyl, which is optionally substituted with from one to
       2
                                      three R<sup>3</sup> groups independently selected from the group consisting of halogen, -OR<sup>f</sup>,
       3
                                      -OC(O)R^f, -NR^fR^g, -SR^f, -R^h, -CN, -NO_2, -CO_2R^f, -CONR^fR^g, -C(O)R^f, -OC(O)NR^fR^g, -C(O)R^f, -OC(O)NR^fR^g, -O(O)R^f, -O(O)R
       4
                                      NR^gC(O)R^f, -NR^gC(O)_2R^h, -NR^f-C(O)NR^fR^g, -NH-C(NH_2)=NH, -NR^hC(NH_2)=NH, -NH-C(NH_2)=NH, -NH-C(NH_
       5
                                      C(NH_2)=NR^h, -NH-C(NHR^h)=NH, -S(O)R^h, -S(O)_2R^h, -NR^fS(O)_2R^h, -S(O)_2NR^fR^g, -S(O)_2NR^f
       6
                                      NR^{f}S(O)_{2}R^{h}, -NR^{f}S(O)_{2}NR^{f}R^{g}, -N_{3}, -X^{3}OR^{f}, -X^{3}OC(O)R^{f}, -X^{3}NR^{f}R^{g}, -X^{3}SR^{f}, -X^{3}CN, 
       7
                                      X^{3}NO_{2}, -X^{3}CO_{2}R^{f}, -X^{3}CONR^{f}R^{g}, -X^{3}C(O)R^{f}, -X^{3}OC(O)NR^{f}R^{g}, -X^{3}NR^{g}C(O)R^{f}, -X^{3}NR^{g}C(O)R^{g}, -X^{3}NR^{g}C(O
       8
                                      X^{3}NR^{g}C(O)_{2}R^{h}, -X^{3}NR^{f}-C(O)NR^{f}R^{g}, -X^{3}NH-C(NH_{2})=NH, -X^{3}NR^{h}C(NH_{2})=NH, -X^{3}NH-C(NH_{2})=NH, -X^{3}NH-C(NH_{2})=NH
       9
                                      C(NH_2)=NR^h, -X^3NH-C(NHR^h)=NH, -X^3S(O)R^h, -X^3S(O)_2R^h, -X^3NR^fS(O)_2R^h,
10
                                      -X<sup>3</sup>S(O)<sub>2</sub>NR<sup>f</sup>R<sup>g</sup>, -Y, -X<sup>3</sup>Yand -X<sup>3</sup>N<sub>3</sub> wherein Y is a five or six-membered aryl, heteroaryl or
11
                                      heterocyclic ring, optionally substituted with from one to three substitutents selected from the
12
                                      group consisting of halogen, -ORf, -NRfRg, -Rh, -SRf, -CN, -NO2, -CO2Rf, -CONRfRg,
13
                                      -C(O)R^f, -NR^gC(O)R^f, -S(O)R^h, -S(O)_2R^h, -NR^fS(O)_2R^h, -S(O)_2NR^fR^g, -X^3OR^f, -X^3NR^fR^g, -X^3OR^f, 
14
                                      X<sup>3</sup>NR<sup>f</sup>S(O)<sub>2</sub>R<sup>h</sup> and -X<sup>3</sup>S(O)<sub>2</sub>NR<sup>f</sup>R<sup>g</sup>, and wherein each X<sup>3</sup> is independently selected from the
15
                                      group consisting of C_{1-4} alkylene, C_{2-4} alkenylene and C_{2-4} alkynylene and each R^f and R^g is
16
                                      independently selected from hydrogen, C<sub>1-8</sub> alkyl, C<sub>1-8</sub> haloalkyl, C<sub>3-6</sub> cycloalkyl, C<sub>2-8</sub> alkenyl,
17
                                      C<sub>2-8</sub> alkynyl, aryl, heteroaryl, aryl-C<sub>1-4</sub> alkyl, and aryloxy-C<sub>1-4</sub> alkyl, or when attached to the
18
19
                                       same nitrogen atom can be combined with the nitrogen atom to form a five or six-membered
                                      ring having from 0 to 2 additional heteroatoms as ring members, and each Rh is
20
```

- 21 independently selected from the group consisting of C₁₋₈ alkyl, C₁₋₈ haloalkyl, C₃₋₆ cycloalkyl,
- 22 C₂₋₈ alkenyl, C₂₋₈ alkynyl, aryl, heteroaryl, aryl-C₁₋₄ alkyl, and aryloxy-C₁₋₄ alkyl, wherein the
- 23 aliphatic portions of R^f, R^g and R^h are optionally further substituted with from one to three
- members selected from the group consisting of -OH, -OR°, -OC(O)NHR°, -OC(O)N(R°)₂,
- 25 -SH, -SR°, -S(O)R°, -S(O)₂R°, -SO₂NH₂, -S(O)₂NHR°, -S(O)₂N(R°)₂, -NHS(O)₂R°,
- $26 \quad -NR^{o}S(O)_{2}R^{o}, -C(O)NH_{2}, -C(O)NHR^{o}, -C(O)N(R^{o})_{2}, -C(O)R^{o}, -NHC(O)R^{o}, -NR^{o}C(O)R^{o}, -$
- -NHC(O)NH₂, -NR $^{\circ}$ C(O)NH₂, -NR $^{\circ}$ C(O)NHR $^{\circ}$, -NHC(O)NHR $^{\circ}$, -NR $^{\circ}$ C(O)N(R $^{\circ}$)₂,
- 28 -NHC(O)N(R°)₂, -CO₂H, -CO₂R°, -NHCO₂R°, -NR°CO₂R°, -CN, -NO₂, -NH₂, -NHR°,
- 29 -N(R°)₂, -NR°S(O)NH₂ and -NR°S(O)₂NHR°, wherein R° is unsubstituted C₁₋₆ alkyl.
- 7. A compound of claim 6, wherein n is 1, m is 0-2, Ar¹ is phenyl
- 2 substituted with from one to three R² groups, HAr is pyrazolyl which is substituted with three
- 3 R^3 groups and L^1 is -CH₂-.
- 8. A compound in accordance with claim 7, wherein said Ar¹ is selected
- 2 from the substituted phenyl moieties provided in Figures 1A and 1B.
- 9. A compound in accordance with claim 7, wherein said HAr is selected
- 2 from the substituted pyrazole groups provided in Figures 2A, 2B, 2C, 2D, 2E, 2F and 3.
- 1 10. A compound of claim 8, wherein one of said R³ groups is selected
- 2 from the group consisting of -Y and -X³-Y, wherein Y is selected from the group consisting
- 3 of phenyl, thienyl, furanyl, pyridyl, pyrimidinyl, pyrazinyl, pyridizinyl, pyrazolyl, imidazolyl,
- 4 thiazolyl, oxazolyl, isoxazolyl, isothiazolyl, triazolyl, tetrazolyl and oxadiazolyl, which is
- 5 optionally substituted with from one to three substituents independently selected from the
- $6 \quad \text{group consisting of halogen, -OR}^f, \ -NR^fR^g, \ -COR^f, -CO_2R^f, -CONR^fR^g, -NO_2, -R^h, -CN, \\$
- 7 -X3-ORf, -X3-NRfRg and -X3-NRfS(O)2Rh, wherein Rf and Rg are each independently selected
- 8 from the group consisting of H, C_{1-8} alkyl, C_{3-6} cycloalkyl and C_{1-8} haloalkyl, and each R^h is
- 9 independently selected from the group consisting of C₁₋₈ alkyl, C₃₋₆ cycloalkyl and C₁₋₈
- 10 haloalkyl.
- 1 11. A compound of claim 10, wherein Y is selected from the group
- 2 consisting of phenyl and thienyl, each of which is optionally substituted with from one to
- 3 three substituents independently selected from the group consisting of halogen, -OR^f,
- 4 -NR $^fR^g$, -COR f , -CO $_2R^f$, -CONR $^fR^g$, -NO $_2$, -R h , -CN, -X 3 -OR f , -X 3 -NR $^fR^g$ and
- 5 -X³-NR^fS(O)₂R^h, wherein R^f and R^g are each independently selected from the group

- 6 consisting of H, C₁₋₈ alkyl, C₃₋₆ cycloalkyl and C₁₋₈ haloalkyl, and each R^h is independently
- 7 selected from the group consisting of C_{1-8} alkyl, C_{3-6} cycloalkyl and C_{1-8} haloalkyl.

12. A compound of claim 1, having the formula:

- 3 or a pharmaceutically acceptable salt or N-oxide thereof, wherein each of R^{1a}, R^{1b}, R^{1c}, R^{1d},
- 4 R^{1e}, R^{1f}, R^{1g} and R^{1h} represents a member independently selected from the group consisting
- of H, C_{1-8} alkyl, C_{1-8} haloalkyl, C_{3-6} cycloalkyl, C_{2-8} alkenyl, C_{2-8} alkynyl, $-COR^a$, $-CO_2R^a$,
- 6 -CONR^aR^b, -NR^aCOR^b, -SO₂R^a, -X¹COR^a, -X¹CO₂R^a, -X¹CONR^aR^b, -X¹NR^aCOR^b,
- 7 -X¹SO₂R^a, -X¹SO₂NR^aR^b, -X¹NR^aR^b, -X¹OR^a, wherein X¹ is a member selected from the
- 8 group consisting of C₁₋₄ alkylene, C₂₋₄ alkenylene and C₂₋₄ alkynylene and each R^a and R^b is
- 9 independently selected from the group consisting of hydrogen, C₁₋₈ alkyl, C₁₋₈ haloalkyl, C₃₋₆
- cycloalkyl and aryl-C₁₋₄alkyl, and wherein the aliphatic portions of each of said R¹
- substituents is optionally substituted with from one to three members selected from the group
- 12 consisting of -OH, -OR^m, -OC(O)NHR^m, -OC(O)N(R^m)₂, -SH, -SR^m, -S(O)R^m, -S(O)₂R^m,
- 13 $-SO_2NH_2$, $-S(O)_2NHR^m$, $-S(O)_2N(R^m)_2$, $-NHS(O)_2R^m$, $-NR^mS(O)_2R^m$, $-C(O)NH_2$,
- 14 $-C(O)NHR^{m}$, $-C(O)N(R^{m})_{2}$, $-C(O)R^{m}$, $-NHC(O)R^{m}$, $-NR^{m}C(O)R^{m}$, $-NHC(O)NH_{2}$,
- $-NR^mC(O)NH_2, -NR^mC(O)NHR^m, -NHC(O)NHR^m, -NR^mC(O)N(R^m)_2, -NHC(O)N(R^m)_2,$
- 16 $-CO_2H$, $-CO_2R^m$, $-NHCO_2R^m$, $-NR^mCO_2R^m$, -CN, $-NO_2$, $-NH_2$, $-NHR^m$, $-N(R^m)_2$,
- 17 -NR^mS(O)NH₂ and -NR^mS(O)₂NHR^m, wherein each R^m is independently an unsubstituted
- 18 C_{1-6} alkyl; Ar¹ is phenyl, substituted with from 1 to 5 R² groups; and HAr is pyrazolyl,
- substituted with from 1 to 3 R³ groups.

1

- 1 A compound of claim 12, wherein L¹ is -CH₂-.
- 1 14. A compound of claim 13, wherein said HAr is selected from the
- 2 substituted pyrazolyl moieties provided in Figures 2A, 2B, 2C, 2D, 2E, 2F and 3.
- 1 15. A compound of claim 14, wherein Ar¹ is phenyl substituted with from
- 2 one to three independently selected R² substitutents.
- 1 16. A compound of claim 15, wherein said Ar¹ is selected from the
- 2 substituted phenyl moieties provided in Figures 1A and 1B.

A compound of claim 16, wherein no more than two of R^{1a} through R^{1h} **17**. 1 2 are other than H.

18. A compound of claim 1, having the formula:

$$\begin{array}{c|c}
R^{2d} & N & N \\
R^{2c} & N & R^{3c} \\
R^{2c} & R^{2a} & R^{2a}
\end{array}$$

wherein the subscript m is an integer of from 0 to 2;

1

2

3 each R¹ is a member selected from the group consisting of -CO₂H, C₁₋₄ alkyl and C₁₋₄ 4 5 haloalkyl, wherein the aliphatic portions are optionally substituted with -OH, $-OR^{m}$, $-OC(O)NHR^{m}$, $-OC(O)N(R^{m})_{2}$, -SH, $-SR^{m}$, $-S(O)R^{m}$, $-S(O)_{2}R^{m}$, $-SO_{2}NH_{2}$, 6 $-S(O)_2NHR^m$, $-S(O)_2N(R^m)_2$, $-NHS(O)_2R^m$, $-NR^mS(O)_2R^m$, $-C(O)NH_2$, 7 $-C(O)NHR^{m}$, $-C(O)N(R^{m})_{2}$, $-C(O)R^{m}$, $-NHC(O)R^{m}$, $-NR^{m}C(O)R^{m}$, $-NHC(O)NH_{2}$, 8 $-NR^{m}C(O)NH_{2}$, $-NR^{m}C(O)NHR^{m}$, $-NHC(O)NHR^{m}$, $-NR^{m}C(O)N(R^{m})_{2}$, 9 -NHC(O)N(R^m)₂, -CO₂H, -CO₂R^m, -NHCO₂R^m, -NR^mCO₂R^m, -CN, -NO₂, -NH₂, 10 -NHR^m, -N(R^m)₂, -NR^mS(O)NH₂ and -NR^mS(O)₂NHR^m, wherein each R^m is 11 independently an unsubstituted C₁₋₆ alkyl; 12 R^{2a}, R^{2b}, R^{2c}, R^{2d} and R^{2e} are each members independently selected from the group 13 consisting of hydrogen, halogen, -OR^c, -OC(O)R^c, -NR^cR^d, -SR^c, -R^e, -CN, -NO₂, 14 $-CO_2R^c$, $-CONR^cR^d$, $-C(O)R^c$, $-OC(O)NR^cR^d$, $-NR^dC(O)R^c$, $-NR^dC(O)_2R^e$, $-NR^c$ 15 $C(O)NR^{c}R^{d}$, $-NH-C(NH_2)=NH$, $-NR^{e}C(NH_2)=NH$, $-NH-C(NH_2)=NR^{e}$, $-NH-C(NH_2)=NR^{e}$ 16 $C(NHR^e)=NH, -S(O)R^e, -S(O)_2R^e, -NR^cS(O)_2R^e, -S(O)_2NR^cR^d, -N_3, -X^2OR^c,$ 17 $-O-X^2OR^c$, $-X^2OC(O)R^c$, $-X^2NR^cR^d$, $-O-X^2NR^cR^d$, $-X^2SR^c$, $-X^2CN$, $-X^2NO_2$, $-X^2$ 18 $X^2CO_2R^c$, $-O-X^2CO_2R^c$, $-X^2CONR^cR^d$, $-O-X^2CONR^cR^d$, $-X^2C(O)R^c$, 19 $-X^2OC(O)NR^cR^d$, $-X^2NR^dC(O)R^c$, $-X^2NR^dC(O)_2R^e$, $-X^2NR^cC(O)NR^cR^d$, 20 $-X^2NH-C(NH_2)=NH, -X^2NR^eC(NH_2)=NH, -X^2NH-C(NH_2)=NR^e, -X^2NH-C(NH_2)=NR^e$ 21 $C(NHR^e)=NH_{*}-X^2S(O)R^e, -X^2S(O)_2R^e, -X^2NR^cS(O)_2R^e, -X^2S(O)_2NR^cR^d, -X^2N_3,$ 22 -NR^d-X²OR^c, -NR^d-X²NR^cR^d, -NR^d-X²CO₂R^c, and -NR^d-X²CONR^cR^d, wherein 23 X² is a member selected from the group consisting of C₁₋₄ alkylene, C₂₋₄ 24 alkenylene and C₂₋₄ alkynylene and each R^c and R^d is independently selected from 25 hydrogen, C₁₋₈ alkyl, C₁₋₈ haloalkyl, C₃₋₆ cycloalkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, aryl, 26

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heteroaryl, aryl-C<sub>1-4</sub> alkyl, and aryloxy-C<sub>1-4</sub> alkyl, or optionally R<sup>c</sup> and R<sup>d</sup> when
27
                                     attached to the same nitrogen atom can be combined with the nitrogen atom to
28
                                     form a five or six-membered ring having from 0 to 2 additional heteroatoms as
29
                                     ring members; and each R<sup>e</sup> is independently selected from the group consisting of
30
                                     C<sub>1-8</sub> alkyl, C<sub>1-8</sub> haloalkyl, C<sub>3-6</sub> cycloalkyl, C<sub>2-8</sub> alkenyl, C<sub>2-8</sub> alkynyl, aryl,
31
                                     heteroaryl, aryl-C<sub>1-4</sub> alkyl, and aryloxy-C<sub>1-4</sub> alkyl, and each of R<sup>c</sup>, R<sup>d</sup> and R<sup>e</sup> is
32
                                     optionally further substituted with from one to three members selected from the
33
                                     group consisting of -OH, -OR<sup>n</sup>, -OC(O)NHR<sup>n</sup>, -OC(O)N(R<sup>n</sup>)<sub>2</sub>, -SH, -SR<sup>n</sup>,
34
                                     -S(O)R^{n}, -S(O)_{2}R^{n}, -SO_{2}NH_{2}, -S(O)_{2}NHR^{n}, -S(O)_{2}N(R^{n})_{2}, -NHS(O)_{2}R^{n},
35
                                     -NR^{n}S(O)_{2}R^{n}, -C(O)NH_{2}, -C(O)NHR^{n}, -C(O)N(R^{n})_{2}, -C(O)R^{n}, -NHC(O)R^{n},
36
                                     -NR^{n}C(O)R^{n}, -NHC(O)NH_{2}, -NR^{n}C(O)NH_{2}, -NR^{n}C(O)NHR^{n}, -NHC(O)NHR^{n},
37
                                     -NR^nC(O)N(R^n)_2, -NHC(O)N(R^n)_2, -CO_2H, -CO_2R^n, -NHCO_2R^n, -NR^nCO_2R^n,
38
                                     -CN, -NO<sub>2</sub>, -NH<sub>2</sub>, -NHR<sup>n</sup>, -N(R<sup>n</sup>)<sub>2</sub>, -NR<sup>n</sup>S(O)NH<sub>2</sub> and -NR<sup>n</sup>S(O)<sub>2</sub>NHR<sup>n</sup>, wherein
39
                                     each R^n is independently an unsubstituted C_{1-6} alkyl, such that at least one of R^{2a},
40
                                     R<sup>2b</sup>, R<sup>2c</sup>, R<sup>2d</sup> and R<sup>2e</sup> is other than H;
41
                     R<sup>3a</sup>, R<sup>3b</sup> and R<sup>3c</sup> are each members independently selected from the group consisting of
42
                                     hydrogen, halogen, -ORf, -OC(O)Rf, -NRfRg, -SRf, -Rh, -CN, -NO2, -CO2Rf,
43
                                     -CONR^fR^g, -C(O)R^f, -OC(O)NR^fR^g, -NR^gC(O)R^f, -NR^gC(O)_2R^h, -NR^f
44
                                     C(O)NR^fR^g, -NH-C(NH_2)=NH, -NR^hC(NH_2)=NH, -NH-C(NH_2)=NR^h, -NH-
45
                                     C(NHR^h)=NH, -S(O)R^h, -S(O)_2R^h, -NR^fS(O)_2R^h, -S(O)_2NR^fR^g, -NR^fS(O)_2NR^fR^g,
46
                                     -N_3, -X^3OR^f, -X^3OC(O)R^f, -X^3NR^fR^g, -X^3SR^f, -X^3CN, -X^3NO_2, -X^3CO_2R^f,
47
                                     -X^3CONR^fR^g, -X^3C(O)R^f, -X^3OC(O)NR^fR^g, -X^3NR^gC(O)R^f, -X^3NR^gC(O)_2R^h,
48
                                     -X^{3}NR^{f}-C(O)NR^{f}R^{g}, -X^{3}NH-C(NH_{2})=NH, -X^{3}NR^{h}C(NH_{2})=NH, -X^{3}NH-C(NH_{2})=NH, -X^{3}NH-C(NH_{2})=NH
49
                                     C(NH_2)=NR^h, -X^3NH-C(NHR^h)=NH, -X^3S(O)R^h, -X^3S(O)_2R^h, -X^3NR^fS(O)_2R^h,
50
                                     -X^{3}S(O)_{2}NR^{f}R^{g}, -Y, -X^{3}Y, -X^{3}N_{3}, -O-X^{3}OR^{f}, -O-X^{3}NR^{f}R^{g}, -O-X^{3}CO_{2}R^{f},
51
                                     -O-X<sup>3</sup>CONR<sup>f</sup>R<sup>g</sup>, -NR<sup>g</sup>-X<sup>3</sup>OR<sup>f</sup>, -NR<sup>g</sup>-X<sup>3</sup>NR<sup>f</sup>R<sup>g</sup>, -NR<sup>g</sup>-X<sup>3</sup>CO<sub>2</sub>R<sup>f</sup>, and
52
                                     -NR<sup>g</sup>-X<sup>3</sup>CONR<sup>f</sup>R<sup>g</sup>, wherein Y is a five or six-membered aryl, heteroaryl or
53
                                     heterocyclic ring, optionally substituted with from one to three substitutents
54
                                     selected from the group consisting of halogen, -ORf, -NRfRg, -Rh, -SRf, -CN, -
55
                                     NO_2, -CO_2R^f, -CONR^fR^g, -C(O)R^f, -NR^gC(O)R^f, -S(O)R^h, -S(O)_2R^h, -S(O)_2R^h
56
                                     NR^fS(O)_2R^h, -S(O)_2NR^fR^g, -X^3OR^f, -X^3NR^fR^g, -X^3NR^fS(O)_2R^h and
57
                                     -X<sup>3</sup>S(O)<sub>2</sub>NR<sup>f</sup>R<sup>g</sup>, and wherein each X<sup>3</sup> is independently selected from the group
58
                                     consisting of C_{1\text{--}4} alkylene, C_{2\text{--}4} alkenylene and C_{2\text{--}4} alkynylene and each R^f and R^g
59
                                     is independently selected from hydrogen, C<sub>1-8</sub> alkyl, C<sub>1-8</sub> haloalkyl, C<sub>3-6</sub>
60
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cycloalkyl, C<sub>2-8</sub> alkenyl, C<sub>2-8</sub> alkynyl, aryl, heteroaryl, aryl-C<sub>1-4</sub> alkyl, and aryloxy-
61
                      C<sub>1-4</sub> alkyl, or when attached to the same nitrogen atom can be combined with the
62
                      nitrogen atom to form a five or six-membered ring having from 0 to 2 additional
63
                      heteroatoms as ring members, and each Rh is independently selected from the
64
                      group consisting of C<sub>1-8</sub> alkyl, C<sub>1-8</sub> haloalkyl, C<sub>3-6</sub> cycloalkyl, C<sub>2-8</sub> alkenyl, C<sub>2-8</sub>
65
                      alkynyl, aryl, heteroaryl, aryl-C<sub>1</sub>-4 alkyl, and aryloxy-C<sub>1</sub>-4 alkyl, wherein the
66
                     aliphatic portions of R<sup>f</sup>, R<sup>g</sup> and R<sup>h</sup> is optionally further substituted with from one
67
                      to three members selected from the group consisting of -OH, -OR°, -OC(O)NHR°,
68
                     -OC(O)N(R°)2, -SH, -SR°, -S(O)R°, -S(O)2R°, -SO2NH2, -S(O)2NHR°,
69
                     -S(O)_2N(R^{\circ})_2, -NHS(O)_2R^{\circ}, -NR^{\circ}S(O)_2R^{\circ}, -C(O)NH_2, -C(O)NHR^{\circ}, -C(O)N(R^{\circ})_2,
70
                     -C(O)R^{\circ}, -NHC(O)R^{\circ}, -NR^{\circ}C(O)R^{\circ}, -NHC(O)NH_2, -NR^{\circ}C(O)NH_2,
71
72
                      -NR^{\circ}C(O)NHR^{\circ}, -NHC(O)NHR^{\circ}, -NR^{\circ}C(O)N(R^{\circ})_2, -NHC(O)N(R^{\circ})_2, -CO_2H,
                      -CO_2R^\circ, -NHCO_2R^\circ, -NR^\circCO_2R^\circ, -CN, -NO_2, -NH_2, -NHR^\circ, -N(R^\circ)_2,
73
                      -NR°S(O)NH<sub>2</sub> and -NR°S(O)<sub>2</sub>NHR°, wherein each R° is independently an
74
                     unsubstituted C<sub>1.6</sub> alkyl, such that at least one of R<sup>3a</sup>, R<sup>3b</sup> and R<sup>3c</sup> is other than H.
75
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- 1 19. A compound of claim 18, wherein at least one of R^{3a}, R^{3b} and R^{3c} is selected from the group consisting of -Y and -X³-Y.
- 1 20. A compound of claim 18, wherein m is 0 or 1; at least one of \mathbb{R}^{2a} and \mathbb{R}^{2e} is hydrogen.
- 1 21. A compound of claim 18, wherein R^{3b} is halogen.
- 1 22. A compound of claim 21, wherein R¹, when present, is selected from 2 the group consisting of -CO₂H or C₁₋₄ alkyl, optionally substituted with -OH, -OR^m, -S(O)₂R^m, -CO₂H and -CO₂R^m.
- 23. A compound of claim 20, wherein at least one of R^{3a}, R^{3b} and R^{3c} is selected from the group consisting of halogen, C₁₋₄ alkyl and C₁₋₄ haloalkyl, wherein the aliphatic portions are optionally substituted with from one to three members selected from the group consisting of -OH, -OR°, -OC(O)NHR°, -OC(O)N(R°)₂, -SH, -SR°, -S(O)R°, -S(O)₂R°, -SO₂NH₂, -S(O)₂NHR°, -S(O)₂N(R°)₂, -NHS(O)₂R°, -NR°S(O)₂R°, -C(O)NH₂, -C(O)NHR°, -C(O)N(R°)₂, -C(O)R°, -NHC(O)R°, -NR°C(O)R°, -NHC(O)NH₂, -NR°C(O)NH₂,
- 7 -NR°C(O)NHR°, -NHC(O)NHR°, -NR°C(O)N(R°)₂, -NHC(O)N(R°)₂, -CO₂H, -CO₂R°,

- 8 -NHCO₂R°, -NR°CO₂R°, -CN, -NO₂, -NH₂, -NHR°, -N(R°)₂, -NR°S(O)NH₂ and
- 9 -NR°S(O)₂NHR°, wherein each R° is independently an unsubstituted C₁₋₆ alkyl.
- 1 24. A compound of claim 23, wherein R^{2d} is hydrogen and at least two of
- 2 R^{3a}, R^{3b} and R^{3c} are selected from the group consisting of halogen, C₁₋₄ alkyl and C₁₋₄
- 3 haloalkyl, wherein the aliphatic portions are optionally substituted with from one to three
- 4 members selected from the group consisting of -OH, -OR⁰, -OC(O)NHR⁰, -OC(O)N(R⁰)₂,
- 5 -SH, -SR°, -S(O)R°, -S(O)₂R°, -SO₂NH₂, -S(O)₂NHR°, -S(O)₂N(R°)₂, -NHS(O)₂R°,
- 6 $-NR^{\circ}S(O)_{2}R^{\circ}$, $-C(O)NH_{2}$, $-C(O)NHR^{\circ}$, $-C(O)N(R^{\circ})_{2}$, $-C(O)R^{\circ}$, $-NHC(O)R^{\circ}$, $-NR^{\circ}C(O)R^{\circ}$,
- 7 -NHC(O)NH₂, -NR $^{\circ}$ C(O)NH₂, -NR $^{\circ}$ C(O)NHR $^{\circ}$, -NHC(O)NHR $^{\circ}$, -NR $^{\circ}$ C(O)N(R $^{\circ}$)₂,
- 8 -NHC(O)N(R°)₂, -CO₂H, -CO₂R°, -NHCO₂R°, -NR°CO₂R°, -CN, -NO₂, -NH₂, -NHR°,
- 9 -N(R°)₂, -NR°S(O)NH₂ and -NR°S(O)₂NHR°, wherein each R° is independently an
- 10 unsubstituted C₁₋₆ alkyl.
- 1 25. A compound of claim 24, wherein R^{2c} is selected from the group
- 2 consisting of F, Cl, Br, CN, NO₂, CO₂CH₃, C(O)CH₃ and S(O)₂CH₃, and each of R^{3a}, R^{3b} and
- 3 R^{3c} is other than hydrogen.
- 1 26. A compound of claim 18, wherein m is 0 or 1; R^{2a} and R^{2e} are each
- 2 hydrogen.
- 1 27. A compound of claim 26, wherein at least one of R^{3a}, R^{3b} and R^{3c} is
- 2 selected from the group consisting of halogen, C₁₋₄ alkyl and C₁₋₄ haloalkyl, wherein the
- 3 aliphatic portions are optionally substituted with from one to three members selected from the
- 4 group consisting of -OH, -OR°, -OC(O)NHR°, -OC(O)N(R°)₂, -SH, -SR°, -S(O)R°, -S(O)₂R°,
- $5 \quad -SO_2NH_2, -S(O)_2NHR^o, -S(O)_2N(R^o)_2, -NHS(O)_2R^o, -NR^oS(O)_2R^o, -C(O)NH_2, -C(O)NHR^o, \\$
- 6 $-C(O)N(R^{\circ})_2$, $-C(O)R^{\circ}$, $-NHC(O)R^{\circ}$, $-NR^{\circ}C(O)R^{\circ}$, $-NHC(O)NH_2$, $-NR^{\circ}C(O)NH_2$,
- 7 -NR°C(O)NHR°, -NHC(O)NHR°, -NR°C(O)N(R°)₂, -NHC(O)N(R°)₂, -CO₂H, -CO₂R°,
- 8 -NHCO₂R°, -NR°CO₂R°, -CN, -NO₂, -NH₂, -NHR°, -N(R°)₂, -NR°S(O)NH₂ and
- 9 -NR $^{\circ}$ S(O)₂NHR $^{\circ}$, wherein each R $^{\circ}$ is independently an unsubstituted C₁₋₆ alkyl.
- 1 28. A compound of claim 27, wherein each of R^{3a}, R^{3b} and R^{3c} is other
- 2 than hydrogen.
- 1 29. A compound of claim 28, wherein R^{2c} is selected from the group
- 2 consisting of F, Cl, Br, CN, NO₂, CO₂CH₃, C(O)CH₃ and S(O)₂CH₃.

- 1 30. A compound of claim 18, wherein m is 0 or 1; R^{2b} and R^{2e} are each
- 2 hydrogen.
- 1 31. A compound of claim 18, having a formula selected from the group
- 2 consisting of:

- 1 32. A compound of claim 31, wherein R^{3c} and R^{3a} are each independently
- selected from the group consisting of $C_{1\text{--}6}$ alkyl, $C_{1\text{--}6}$ haloalkyl and $C_{3\text{--}6}$ cycloalkyl; and R^{3b} is
- 3 halogen.

- 1 33. A compound of claim 31, wherein R^{3c} and R^{3a} are each independently
- 2 selected from the group consisting of halogen, -NR^fR^g, -SR^f, -CO₂R^f, -Y and -R^h, wherein R^h
- 3 is C₁₋₆ alkyl, C₁₋₆ haloalkyl and C₃₋₆ cycloalkyl, wherein the aliphatic portions are optionally
- 4 further substituted with from one to three members selected from the group consisting of
- 5 -OH, -OR°, -OC(O)NHR°, -OC(O)N(R°)₂, -SH, -SR°, -S(O)R°, -S(O)₂R°, -SO₂NH₂,
- 6 -S(O)₂NHR°, -S(O)₂N(R°)₂, -NHS(O)₂R°, -NR°S(O)₂R°, -C(O)NH₂, -C(O)NHR°,
- 7 $-C(O)N(R^{\circ})_2$, $-C(O)R^{\circ}$, $-NHC(O)R^{\circ}$, $-NR^{\circ}C(O)R^{\circ}$, $-NHC(O)NH_2$, $-NR^{\circ}C(O)NH_2$,
- 8 -NR°C(O)NHR°, -NHC(O)NHR°, -NR°C(O)N(R°)₂, -NHC(O)N(R°)₂, -CO₂H, -CO₂R°,
- 9 -NHCO₂R°, -NR°CO₂R°, -CN, -NO₂, -NH₂, -NHR°, -N(R°)₂, -NR°S(O)NH₂ and
- 10 -NR°S(O)₂NHR°.
- 1 34. A compound of claim 33, wherein R^{3b} is halogen.
- 1 35. A compound of claim 31, wherein m is 0.
- 1 36. A compound of claim 31, wherein m is 1 or 2, and each R¹ is
- 2 independently selected from the group consisting of -CO₂H and C₁₋₄ alkyl, wherein the alkyl
- portion is optionally substituted with -OH, -OR^m, -S(O)₂R^m, -CO₂H and -CO₂R^m.

- 1 37. A compound of claim 31, wherein R^{2b} is selected from the group consisting of -SR^c, -O-X²-OR^c, -X²-OR^c, -R^e, -OR^c, -NR^cR^d, and -NR^cSO₂R^d.
 - 38. A compound of claim 18, having the formula:

- wherein R^{2c} is halogen, cyano or nitro; R^{2b} is selected from -SR^c, -O-X²-OR^c, -X²-OR^c, -R^e,
- 4 -OR^c, -NR^cR^d, -NR^cS(O)₂R^e and -NR^dC(O)R^c; R^{3a} is selected from the group consisting of
- 5 NH₂, CF₃, SCH₃ and Y; R^{3b} is chloro or bromo; and R^{3c} is selected from the group consisting
- of C_{1-6} alkyl, C_{1-6} haloalkyl and C_{3-6} cycloalkyl.
 - 39. A compound of claim 18, having the formula:

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & &$$

- 3 wherein R^{2c} is halogen, cyano or nitro; R^{2b} is selected from -SR^c, -O-X²-OR^c, -X²-OR^c, -R^e,
- 4 -OR^c, -NR^cR^d, -NR^cS(O)₂R^e and -NR^dC(O)R^c; R^{3a} is selected from the group consisting of
- 5 C_{1-6} alkyl, C_{1-6} haloalkyl and C_{3-6} cycloalkyl; R^{3c} is selected from the group consisting of
- 6 NH₂, CF₃, SCH₃ and Y; and R^{3b} is chloro or bromo.
 - 40. A compound of claim 18, having the formula:

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- 3 wherein R^{2c} is halogen, cyano or nitro; R^{2b} is selected from -SR^c, -O-X²-OR^c, -X²-OR^c, -R^e,
- 4 -OR^c, -NR^cR^d, -NR^cS(O)₂R^e and -NR^dC(O)R^c; R^{3a} is selected from the group consisting of
- 5 NH₂, CF₃, SCH₃ and Y; R^{3b} is chloro or bromo; and R^{3c} is selected from the group consisting
- of C_{1-6} alkyl, C_{1-6} haloalkyl and C_{3-6} cycloalkyl wherein the aliphatic portions of R^{3c} are
- 7 optionally substituted with a member selected from the group consisting of -OH, -OR°,
- 8 -OC(O)NHR°, -OC(O)N(R°)₂, -SH, -SR°, -S(O)R°, -S(O)₂R°, -SO₂NH₂, -S(O)₂NHR°,
- 9 $-S(O)_2N(R^0)_2$, $-NHS(O)_2R^0$, $-NR^0S(O)_2R^0$, $-C(O)NH_2$, $-C(O)NHR^0$, $-C(O)N(R^0)_2$, $-C(O)R^0$,
- -NHC(O)R°, -NR°C(O)R°, -NHC(O)NH₂, -NR°C(O)NH₂, -NR°C(O)NHR°, -NHC(O)NHR°,
- -NR°C(O)N(R°)₂, -NHC(O)N(R°)₂, -CO₂H, -CO₂R°, -NHCO₂R°, -NR°CO₂R°, -CN, -NO₂,
- 12 -NH₂, -NHR^o, -N(R^o)₂, -NR^oS(O)NH₂ and -NR^oS(O)₂NHR^o.

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- 1 41. A compound of claim 40, wherein each R¹, when present, is selected
- 2 from the group consisting of -CO₂H and C₁₋₄ alkyl, optionally substituted with a member
- 3 selected from the group consisting of -OH, -OR^m, -S(O)₂R^m, -CO₂H and -CO₂R^m.
 - 42. A compound of claim 18, having the formula:

$$\begin{array}{c|c}
(R^1)_m & O & N = \\
N & N & R^{3a} \\
R^{2c} & R^{3b}
\end{array}$$

- 3 wherein R^{2c} is halogen, cyano or nitro; R^{2b} is selected from -SR^c, -O-X²-OR^c, -X²-OR^c, -R^e,
- 4 -OR^c, -NR^cR^d, -NR^cS(O)₂R^e and -NR^dC(O)R^c; R^{3a} is selected from the group consisting of
- 5 C_{1-6} alkyl, C_{1-6} haloalkyl and C_{3-6} cycloalkyl, wherein the aliphatic portions of R^{3a} are
- 6 optionally substituted with a member selected from the group consisting of -OH, -OR°,
- 7 $-OC(O)NHR^{\circ}$, $-OC(O)N(R^{\circ})_2$, -SH, $-SR^{\circ}$, $-S(O)R^{\circ}$, $-S(O)_2R^{\circ}$, $-SO_2NH_2$, $-S(O)_2NHR^{\circ}$,
- $8 \quad -S(O)_2N(R^{\circ})_2, -NHS(O)_2R^{\circ}, -NR^{\circ}S(O)_2R^{\circ}, -C(O)NH_2, -C(O)NHR^{\circ}, -C(O)N(R^{\circ})_2, -C(O)R^{\circ}, -C(O)R^{\circ},$
- $9 \quad \text{-NHC(O)} R^{\circ}, \text{-NR°C(O)} R^{\circ}, \text{-NHC(O)} NH_2, \text{-NR°C(O)} NH_2, \text{-NR°C(O)} NHR^{\circ}, \text{-NHC(O)} NHR^{\circ},$
- $10 -NR^{\circ}C(O)N(R^{\circ})_{2}, -NHC(O)N(R^{\circ})_{2}, -CO_{2}H, -CO_{2}R^{\circ}, -NHCO_{2}R^{\circ}, -NR^{\circ}CO_{2}R^{\circ}, -CN, -NO_{2},$
- -NH₂, -NHR°, -N(R°)₂, -NR°S(O)NH₂ and -NR°S(O)₂NHR°; R^{3c} is selected from the group
- 12 consisting of NH₂, CF₃, SCH₃ and Y; and R^{3b} is chloro or bromo.
- 1 43. A compound of claim 42, wherein each R¹, when present, is selected
- 2 from the group consisting of -CO₂H and C₁₋₄ alkyl, optionally substituted with a member
- 3 selected from the group consisting of -OH, -OR^m, -S(O)₂R^m, -CO₂H and -CO₂R^m.

44. A compound of claim 18, having the formula:

$$\begin{array}{c|c}
(R^1)_m & O & N = \\
R^{2d} & N & R^{3c}
\end{array}$$

- 3 wherein R^{2a} is other than hydrogen; R^{2c} is halogen, cyano or nitro; R^{2d} is selected from -SR^c,
- 4 -O-X²-OR^c, -X²-OR^c, -R^e, -OR^c, -NR^cR^d, -NR^cS(O)₂R^e and -NR^dC(O)R^c; R^{3a} is selected from
- 5 the group consisting of C_{1-6} alkyl, C_{1-6} haloalkyl and C_{3-6} cycloalkyl, optionally substituted
- 6 with a member selected from the group consisting of -OH, -OR°, -OC(O)NHR°,
- 7 -OC(O)N(R°)₂, -SH, -SR°, -S(O)R°, -S(O)₂R°, -SO₂NH₂, -S(O)₂NHR°, -S(O)₂N(R°)₂,
- 8 -NHS(O)₂R°, -NR°S(O)₂R°, -C(O)NH₂, -C(O)NHR°, -C(O)N(R°)₂, -C(O)R°, -NHC(O)R°,
- 9 -NR°C(O)R°, -NHC(O)NH₂, -NR°C(O)NH₂, -NR°C(O)NHR°, -NHC(O)NHR°,
- -NR $^{\circ}$ C(O)N(R $^{\circ}$)₂, -NHC(O)N(R $^{\circ}$)₂, -CO₂H, -CO₂R $^{\circ}$, -NHCO₂R $^{\circ}$, -NR $^{\circ}$ CO₂R $^{\circ}$, -CN, -NO₂,
- -NH₂, -NHR^o, -N(R^o)₂, -NR^oS(O)NH₂ and -NR^oS(O)₂NHR^o; R^{3b} is chloro or bromo; and R^{3c}
- is selected from the group consisting of NH₂, CF₃, SCH₃ and Y.

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- 1 45. A compound of claim 44, wherein each R¹, when present, is selected
- 2 from the group consisting of -CO₂H and C₁₋₄ alkyl, optionally substituted with a member
- 3 selected from the group consisting of -OH, -OR^m, -S(O)₂R^m, -CO₂H and -CO₂R^m.

46. A compound of claim 18, having the formula:

$$\begin{array}{c|c}
(R^1)_m & O & N = \\
R^{2d} & N & R^{3c}
\end{array}$$

$$\begin{array}{c|ccc}
R^{2a} & & & \\
R^{2a} & & & & \\
\end{array}$$

- wherein R^{2a} is other than hydrogen; R^{2c} is halogen, cyano or nitro; R^{2d} is -SR^c, -O-X²-OR^c,
- 4 -X²-OR^c, -R^e, -OR^c, -NR^cR^d, -NR^cS(O)₂R^e and -NR^dC(O)R^c; R^{3a} is selected from the group
- 5 consisting of NH₂, CF₃, SCH₃ and Y; R^{3b} is chloro or bromo; and R^{3c} is selected from the
- 6 group consisting of C₁₋₆ alkyl, C₁₋₆ haloalkyl and C₃₋₆ cycloalkyl, optionally substituted with a
- 7 member selected from the group consisting of -OH, -OR°, -OC(O)NHR°, -OC(O)N(R°)₂,
- 8 -SH, -SR°, -S(O)R°, -S(O)₂R°, -SO₂NH₂, -S(O)₂NHR°, -S(O)₂N(R°)₂, -NHS(O)₂R°,
- $9 \quad -NR^{o}S(O)_{2}R^{o}, -C(O)NH_{2}, -C(O)NHR^{o}, -C(O)N(R^{o})_{2}, -C(O)R^{o}, -NHC(O)R^{o}, -NR^{o}C(O)R^{o}, -N$

- -NHC(O)NH₂, -NR°C(O)NH₂, -NR°C(O)NHR°, -NHC(O)NHR°, -NR°C(O)N(R°)₂,
- -NHC(O)N(R^o)₂, -CO₂H, -CO₂R^o, -NHCO₂R^o, -NR^oCO₂R^o, -CN, -NO₂, -NH₂, -NHR^o,
- 12 $-N(R^{\circ})_{2,1}$ -NR°S(O)NH₂ and -NR°S(O)₂NHR°.
- 1 47. A compound of claim 46, wherein each R¹, when present, is selected
- 2 from the group consisting of -CO₂H and C₁₋₄ alkyl, optionally substituted with a member
- 3 selected from the group consisting of -OH, -OR^m, -S(O)₂R^m, -CO₂H and -CO₂R^m.
- 1 48. A compound of claim 30, wherein at least one of R^{3a}, R^{3b} and R^{3c} is
- 2 selected from the group consisting of halogen and C_{1-4} haloalkyl.
- 1 49. A compound of claim 48, wherein each of R^{3a}, R^{3b} and R^{3c} is other
- 2 than hydrogen.
- 50. A compound of claim 18, wherein m is 0 or 1; \mathbb{R}^1 , when present, is \mathbb{C}_{1-2}
- 2 alkyl, optionally substituted with a member selected from the group consisting of -OH, -OR^m,
- 3 -S(O)₂R^m, -CO₂H and -CO₂R^m; R^{2a} is selected from H, CH₃ and halogen; R^{2b} is H; R^{2c} is
- 4 selected from H, Cl and Br; R^{2d} is selected from OCH₃, OCH₂CH₃, NHCH₃, CH₂OCH₃ and
- 5 CH₃; R^{2e} is H, such that at least one of R^{2a} and R^{2c} is other than H; R^{3b} is Cl or Br; one of R^{3a}
- and R^{3c} is cyclopropyl, CF₃, or methyl, optionally substituted with NH₂, OH or OCH₃, and
- 7 the other of R^{3a} and R^{3c} is selected from the group consisting of CF_3 , Br, CH_3 , $-CO_2CH_3$,
- 8 -CO₂Et, -N(CH₃)₂, -NH₂, ethyl, isopropyl, substituted phenyl and substituted or unsubstituted
- 9 thienyl.
- 1 51. A compound of claim 18, wherein the phenyl ring bearing R^{2a} through
- 2 R^{2e} is selected from the substituted phenyl groups provided in Figures 1A and 1B.
- 1 52. A compound of claim 18, wherein the pyrazole ring bearing R^{3a}
- 2 through R^{3c} is selected from the substituted pyrazole groups provided in Figures 2A, 2B, 2C,
- 3 2D, 2E, 2F and 3.
- 1 53. A pharmaceutical composition comprising a pharmaceutically
- 2 acceptable excipient and a compound of claim 1.
- 1 54. A method of treating CCR1-mediated diseases or conditions
- 2 comprising administering to a subject in need thereof a therapeutically effective amount of a
- 3 compound having the formula:

$$(R^1)_m$$
 O L^1 HAr Ar^1 N O D D D

4 5 or a pharmaceutically acceptable salt or N-oxide thereof, wherein the subscript n is an integer of from 1 to 2; 6 the subscript m is an integer of from 0 to 10; 7 each R¹ is a substituent independently selected from the group consisting of C₁₋₈ alkyl, 8 C₁₋₈ haloalkyl, C₃₋₆ cycloalkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, -COR^a, -CO₂R^a, 9 -CONR^aR^b, -NR^aCOR^b, -SO₂R^a, -X¹COR^a, -X¹CO₂R^a, -X¹CONR^aR^b, 10 -X¹NR^aCOR^b, -X¹SO₂R^a, -X¹SO₂NR^aR^b, -X¹NR^aR^b, -X¹OR^a, wherein X¹ is a 11 member selected from the group consisting of C₁₋₄ alkylene, C₂₋₄ alkenylene and 12 C₂₋₄ alkynylene and each R^a and R^b is independently selected from the group 13 consisting of hydrogen, C₁₋₈ alkyl, C₁₋₈ haloalkyl, C₃₋₆ cycloalkyl and aryl-14 C₁₋₄alkyl, and wherein the aliphatic portions of each of said R¹ substituents is 15 optionally substituted with from one to three members selected from the group 16 consisting of -OH, -OR^m, -OC(O)NHR^m, -OC(O)N(R^m)₂, -SH, -SR^m, -S(O)R^m, 17 $-S(O)_2R^m$, $-SO_2NH_2$, $-S(O)_2NHR^m$, $-S(O)_2N(R^m)_2$, $-NHS(O)_2R^m$, $-NR^mS(O)_2R^m$, 18 $-C(O)NH_2$, $-C(O)NHR^m$, $-C(O)N(R^m)_2$, $-C(O)R^m$, $-NHC(O)R^m$, $-NR^mC(O)R^m$, 19 -NHC(O)NH₂, -NR^mC(O)NH₂, -NR^mC(O)NHR^m, -NHC(O)NHR^m, 20 $-NR^{m}C(O)N(R^{m})_{2}$, $-NHC(O)N(R^{m})_{2}$, $-CO_{2}H$, $-CO_{2}R^{m}$, $-NHCO_{2}R^{m}$, $-NR^{m}CO_{2}R^{m}$, 21 -CN, -NO₂, -NH₂, -NHR^m, -N(R^m)₂, -NR^mS(O)NH₂ and -NR^mS(O)₂NHR^m, 22 wherein each R^m is independently an unsubstituted C_{1-6} alkyl; 23 Ar¹ is selected from the group consisting of phenyl, naphthyl, pyridyl, pyrazinyl, 24 pyridazinyl, pyrimidinyl, triazinyl, quinolinyl, quinoxalinyl and purinyl, each of 25 which is optionally substituted with from one to five R² substituents 26 independently selected from the group consisting of halogen, -OR^c, -OC(O)R^c, -27 NR^cR^d , $-SR^c$, $-R^e$, -CN, $-NO_2$, $-CO_2R^c$, $-CONR^cR^d$, $-C(O)R^c$, $-OC(O)NR^cR^d$, -28 $NR^{d}C(O)R^{c}$, $-NR^{d}C(O)_{2}R^{e}$, $-NR^{c}-C(O)NR^{c}R^{d}$, $-NH-C(NH_{2})=NH$, 29 $-NR^{e}C(NH_{2})=NH$, $-NH-C(NH_{2})=NR^{e}$, $-NH-C(NHR^{e})=NH$, $-S(O)R^{e}$, $-S(O)_{2}R^{e}$, $-S(O)_{2}R^{e}$ 30 $NR^{c}S(O)_{2}R^{e}$, $-S(O)_{2}NR^{c}R^{d}$, $-N_{3}$, $-X^{2}OR^{c}$, $-O-X^{2}OR^{c}$, $-X^{2}OC(O)R^{c}$, $-X^{2}NR^{c}R^{d}$, 31 $-O-X^2NR^cR^d$, $-X^2SR^c$, $-X^2CN$, $-X^2NO_2$, $-X^2CO_2R^c$, $-O-X^2CO_2R^c$, $-X^2CONR^cR^d$, 32 $-O-X^2CONR^cR^d$, $-X^2C(O)R^c$, $-X^2OC(O)NR^cR^d$, $-X^2NR^dC(O)R^c$, $-X^2NR^dC(O)_2R^e$, 33 $-X^2NR^cC(O)NR^cR^d$, $-X^2NH-C(NH_2)=NH$, $-X^2NR^cC(NH_2)=NH$, $-X^2NH-C(NH_2)=NH$, $-X^2NH$ 34

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C(NH_2)=NR^e, -X^2NH-C(NHR^e)=NH, -X^2S(O)R^e, -X^2S(O)_2R^e, -X^2NR^cS(O)_2R^e,
35
                                           -X^2S(O)_2NR^cR^d, -X^2N_3, -NR^d-X^2OR^c, -NR^d-X^2NR^cR^d, -NR^d-X^2CO_2R^c, and
36
                                           -NR<sup>d</sup>-X<sup>2</sup>CONR<sup>c</sup>R<sup>d</sup>, wherein X<sup>2</sup> is a member selected from the group consisting of
37
                                           C_{1\text{--}4} alkylene, C_{2\text{--}4} alkenylene and C_{2\text{--}4} alkynylene and each R^c and R^d is
38
                                            independently selected from hydrogen, C<sub>1-8</sub> alkyl, C<sub>1-8</sub> haloalkyl, C<sub>3-6</sub> cycloalkyl,
39
                                            C_{2-8} alkenyl, C_{2-8} alkynyl, aryl, heteroaryl, aryl-C_{1-4} alkyl, and aryloxy-C_{1-4} alkyl,
40
                                            or optionally R<sup>c</sup> and R<sup>d</sup> when attached to the same nitrogen atom can be combined
41
                                            with the nitrogen atom to form a five or six-membered ring having from 0 to 2
42
43
                                            additional heteroatoms as ring members; and each Re is independently selected
                                            from the group consisting of C<sub>1-8</sub> alkyl, C<sub>1-8</sub> haloalkyl, C<sub>3-6</sub> cycloalkyl, C<sub>2-8</sub>
44
                                            alkenyl, C<sub>2-8</sub> alkynyl, aryl, heteroaryl, aryl-C<sub>1-4</sub> alkyl, and aryloxy-C<sub>1-4</sub> alkyl, and
45
                                           each of R<sup>c</sup>, R<sup>d</sup> and R<sup>e</sup> is optionally further substituted with from one to three
46
                                            members selected from the group consisting of -OH, -OR<sup>n</sup>, -OC(O)NHR<sup>n</sup>,
47
                                           -OC(O)N(R^{n})_{2}, -SH, -SR^{n}, -S(O)R^{n}, -S(O)_{2}R^{n}, -SO_{2}NH_{2}, -S(O)_{2}NHR^{n},
48
                                           -S(O)_2N(R^n)_2, -NHS(O)_2R^n, -NR^nS(O)_2R^n, -C(O)NH_2, -C(O)NHR^n, -C(O)N(R^n)_2,
49
                                           -C(O)R^n, -NHC(O)R^n, -NR^nC(O)R^n, -NHC(O)NH_2, -NR^nC(O)NH_2,
50
                                            -NR^{n}C(O)NHR^{n}, -NHC(O)NHR^{n}, -NR^{n}C(O)N(R^{n})_{2}, -NHC(O)N(R^{n})_{2}, -CO_{2}H,
51
                                            -CO_2R^n, -NHCO_2R^n, -NR^nCO_2R^n, -CN, -NO_2, -NH_2, -NHR^n, -N(R^n)_2,
52
                                            -NR<sup>n</sup>S(O)NH<sub>2</sub> and -NR<sup>n</sup>S(O)<sub>2</sub>NHR<sup>n</sup>, wherein each R<sup>n</sup> is independently an
53
                                            unsubstituted C<sub>1-6</sub> alkyl;
54
                        HAr is a heteroaryl group selected from the group consisting of pyrazolyl, imidazolyl,
55
                                            triazolyl, tetrazolyl, oxazolyl, isoxazolyl, oxadiazolyl, oxathiadiazolyl, pyrrolyl,
56
                                            thiazolyl, isothiazolyl, benzimidazolyl, benzopyrazolyl and benzotriazolyl, each of
57
                                           which is substituted with from one to five R<sup>3</sup> substituents independently selected
58
                                           from the group consisting of halogen, -OR<sup>f</sup>, -OC(O)R<sup>f</sup>, -NR<sup>f</sup>R<sup>g</sup>, -SR<sup>f</sup>, -R<sup>h</sup>, -CN,
59
                                           -NO_2, -CO_2R^f, -CONR^fR^g, -C(O)R^f, -OC(O)NR^fR^g, -NR^gC(O)R^f, -NR^gC(O)_2R^h, -NR^gC(O)_2R^f, -NR^gC(O
60
                                           -NR^f-C(O)NR^fR^g, -NH-C(NH_2)=NH, -NR^hC(NH_2)=NH, -NH-C(NH_2)=NR^h, -NH-C(NH_2)=NR^h
61
                                           C(NHR^h)=NH, -S(O)R^h, -S(O)_2R^h, -NR^fS(O)_2R^h, -S(O)_2NR^fR^g, -NR^fS(O)_2NR^fR^g,
62
                                           -N_3, -X^3OR^f, -X^3OC(O)R^f, -X^3NR^fR^g, -X^3SR^f, -X^3CN, -X^3NO_2, -X^3CO_2R^f,
63
                                           -X^3CONR^fR^g, -X^3C(O)R^f, -X^3OC(O)NR^fR^g, -X^3NR^gC(O)R^f, -X^3NR^gC(O)_2R^h,
64
                                           -X^{3}NR^{f}-C(O)NR^{f}R^{g}, -X^{3}NH-C(NH_{2})=NH, -X^{3}NR^{h}C(NH_{2})=NH, -X^{3}NH-C(NH_{2})=NH, -X^{3}NH-C(NH_{2})=NH
65
                                           C(NH_2)=NR^h, -X^3NH-C(NHR^h)=NH, -X^3S(O)R^h, -X^3S(O)_2R^h, -X^3NR^fS(O)_2R^h,
66
                                           -X^3S(O)_2NR^fR^g, -Y, -X^3Y, -X^3N_3, -O-X^3OR^f, -O-X^3NR^fR^g, -O-X^3CO_2R^f,
67
                                            -O-X3CONRfRg, -NRg-X3ORf, -NRg-X3NRfRg, -NRg-X3CO2Rf, and
68
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-NR^g-X³CONR^fR^g, wherein Y is a five or six-membered aryl, heteroaryl or 69 70 heterocyclic ring, optionally substituted with from one to three substitutents selected from the group consisting of halogen, -ORf, -NRfRg, -Rh, -SRf, -CN, -71 NO_2 , $-CO_2R^f$, $-CONR^fR^g$, $-C(O)R^f$, $-NR^gC(O)R^f$, $-S(O)R^h$, $-S(O)_2R^h$ 72 $NR^fS(O)_2R^h,$ $-S(O)_2NR^fR^g,$ $-X^3OR^f,$ $-X^3NR^fR^g,$ $-X^3NR^fS(O)_2R^h$ and 73 -X³S(O)₂NR^fR^g, and wherein each X³ is independently selected from the group 74 consisting of C₁₋₄ alkylene, C₂₋₄ alkenylene and C₂₋₄ alkynylene and each R^f and R^g 75 is independently selected from hydrogen, C₁₋₈ alkyl, C₁₋₈ haloalkyl, C₃₋₆ 76 77 cycloalkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, aryl, heteroaryl, aryl-C₁₋₄ alkyl, and aryloxy-C₁-4 alkyl, or when attached to the same nitrogen atom can be combined with the 78 79 nitrogen atom to form a five or six-membered ring having from 0 to 2 additional heteroatoms as ring members, and each Rh is independently selected from the 80 81 group consisting of C₁₋₈ alkyl, C₁₋₈ haloalkyl, C₃₋₆ cycloalkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, aryl, heteroaryl, aryl-C₁-4 alkyl, and aryloxy-C₁-4 alkyl, wherein the 82 aliphatic portions of R^f, R^g and R^h is optionally further substituted with from one 83 to three members selected from the group consisting of -OH, -OR°, -OC(O)NHR°, 84 $-OC(O)N(R^{\circ})_{2}$, -SH, $-SR^{\circ}$, $-S(O)R^{\circ}$, $-S(O)_{2}R^{\circ}$, $-SO_{2}NH_{2}$, $-S(O)_{2}NHR^{\circ}$, 85 $-S(O)_2N(R^{\circ})_2$, $-NHS(O)_2R^{\circ}$, $-NR^{\circ}S(O)_2R^{\circ}$, $-C(O)NH_2$, $-C(O)NHR^{\circ}$, $-C(O)N(R^{\circ})_2$, 86 -C(O)R $^{\circ}$, -NHC(O)R $^{\circ}$, -NR $^{\circ}$ C(O)R $^{\circ}$, -NHC(O)NH₂, -NR $^{\circ}$ C(O)NH₂, 87 $-NR^{\circ}C(O)NHR^{\circ}$, $-NHC(O)NHR^{\circ}$, $-NR^{\circ}C(O)N(R^{\circ})_2$, $-NHC(O)N(R^{\circ})_2$, $-CO_2H$, 88 -CO₂R°, -NHCO₂R°, -NR°CO₂R°, -CN, -NO₂, -NH₂, -NHR°, -N(R°)₂, 89 -NR°S(O)NH₂ and -NR°S(O)₂NHR°, wherein each R° is independently an 90 unsubstituted C₁₋₆ alkyl; 91 L¹ is a linking group having from one to three main chain atoms selected from the group 92 consisting of C, N, O and S and being optionally substituted with from one to 93 three substituents selected from the group consisting of halogen, phenyl, -ORi, 94 $-OC(O)R^i$, $-NR^iR^j$, $-SR^i$, $-R^k$, -CN, $-NO_2$, $-CO_2R^i$, $-CONR^iR^j$, $-C(O)R^i$, 95 $-OC(O)NR^{i}R^{j}$, $-NR^{j}C(O)R^{i}$, $-NR^{j}C(O)_{7}R^{k}$, $-X^{4}OR^{i}$, $-X^{4}OC(O)R^{i}$, $-X^{4}NR^{i}R^{j}$, $-X^{4}NR^{i$ 96 X^4SR^i , $-X^4CN$, $-X^4NO_2$, $-X^4CO_2R^i$, $-X^4CONR^iR^j$, $-X^4C(O)R^i$, $-X^4OC(O)NR^iR^j$, $-X^4CONR^iR^j$, $-X^4CONR^i$ 97 $X^4NR^jC(O)R^i$ and $-X^4NR^jC(O)_2R^k$, wherein X^4 is selected from the group 98 consisting of C₁₋₄ alkylene, C₂₋₄ alkenylene and C₂₋₄ alkynylene and each Rⁱ and R^j 99 100 is independently selected from hydrogen, C₁₋₈ alkyl, C₁₋₈ haloalkyl, C₃₋₆ cycloalkyl, C2-8 alkenyl, C2-8 alkynyl, aryl, heteroaryl, aryl-C1-4 alkyl, and aryloxy-101 C₁₋₄ alkyl, and each R^k is independently selected from the group consisting of C₁₋₈ 102

alkyl, C₁₋₈ haloalkyl, C₃₋₆ cycloalkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, aryl, heteroaryl, 103 104 aryl-C₁₋₄ alkyl, and aryloxy-C₁₋₄ alkyl. A method in accordance with claim 54, wherein said CCR1-mediated 1 2 disease or condition is an inflammatory condition. **56**. A method in accordance with claim 54, wherein said CCR1-mediated 1 2 disease or condition is an immunoregulatory disorder. 1 **57**. A method in accordance with claim 54, wherein said CCR1-mediated 2 disease or condition is selected from the group consisting of rheumatoid arthritis, multiple sclerosis, transplant rejection, dermatitis, eczema, urticaria, vasculitis, inflammatory bowel 3 disease, food allergy and encephalomyelitis. 4 **58**. A method in accordance with claim 54, wherein said administering is 1 2 oral, parenteral, rectal, transdermal, sublingual, nasal or topical. **59**. A method in accordance with claim 54, wherein said compound is 1

administered in combination with an anti-inflammatory or analgesic agent.